

Comparisons of Job Characteristics

Focus Occupation: Broadcast Technicians (27-4012)

Associated Occupation: Sound Engineering Technicians (27-4014)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

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<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 71

Focus Occupation: Broadcast Technicians (27-4012)

Associated Occupation: Sound Engineering Technicians (27-4014)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Computers and Electronics	8.4	17.6	16.8	0 Current knowledge level may be sufficient
Communications and Media	5.3	13.4	14.9	> Current knowledge level is likely sufficient
Fine Arts	2.2	12.9	2.3	<< Extensive education and/or training may be required
Engineering and Technology	5.7	12.8	14.0	0 Current knowledge level may be sufficient
Telecommunications	3.9	8.4	15.5	>> Current knowledge level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 81

Focus Occupation: Broadcast Technicians (27-4012)

Associated Occupation: Sound Engineering Technicians (27-4014)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Operation and Control	5.4	9.0	7.9	< A higher skill level may be required
Troubleshooting	4.5	7.5	8.4	> Skill level is likely sufficient
Equipment Maintenance	3.5	6.7	7.9	> Skill level is likely sufficient
Repairing	3.4	6.6	6.8	0 Current skill level may be sufficient
Equipment Selection	3.3	6.4	7.9	> Skill level is likely sufficient
Technology Design	2.6	5.2	4.5	< A higher skill level may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities

Similarity of Focus Occupation to Associated Occupation: 90

Focus Occupation: Broadcast Technicians (27-4012)

Associated Occupation: Sound Engineering Technicians (27-4014)

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Oral Comprehension	12.5	12.3	12.6	0	Current ability level may be sufficient
Oral Expression	12.4	11.9	11.2	0	Current ability level may be sufficient
Hearing Sensitivity	5.6	11.6	8.1	<<	Extensive improvement in abilities may be required
Near Vision	11.1	11.6	12.2	0	Current ability level may be sufficient
Information Ordering	9.9	11.4	10.0	<	Some improvement in abilities may be required
Written Expression	9.8	11.2	9.2	<	Some improvement in abilities may be required
Written Comprehension	11.0	11.1	10.8	0	Current ability level may be sufficient
Selective Attention	8.7	10.6	9.9	0	Current ability level may be sufficient
Auditory Attention	5.9	9.8	6.7	<<	Extensive improvement in abilities may be required
Speed of Closure	5.9	7.7	8.5	>	Current ability level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 83

Focus Occupation: Broadcast Technicians (27-4012)

Associated Occupation: Sound Engineering Technicians (27-4014)

Work Activities	Exclusivity of Activity
Maintain daily logs or records	84
Operate audio-visual equipment	76
Operate recording or broadcast studio controls	87
Operate sound-reproducing or recording equipment	89

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 81

Focus Occupation: Broadcast Technicians (27-4012)

Associated Occupation: Sound Engineering Technicians (27-4014)

Tools and Technologies	Exclusivity
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Audio and visual equipment	4
Audio presentation and composing equipment and hardware and controllers	25
Circuit assemblies and radio frequency RF components	40
Computers	1
Content authoring and editing software	1
Data management and query software	1
Electrical measuring and testing equipment	7

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.